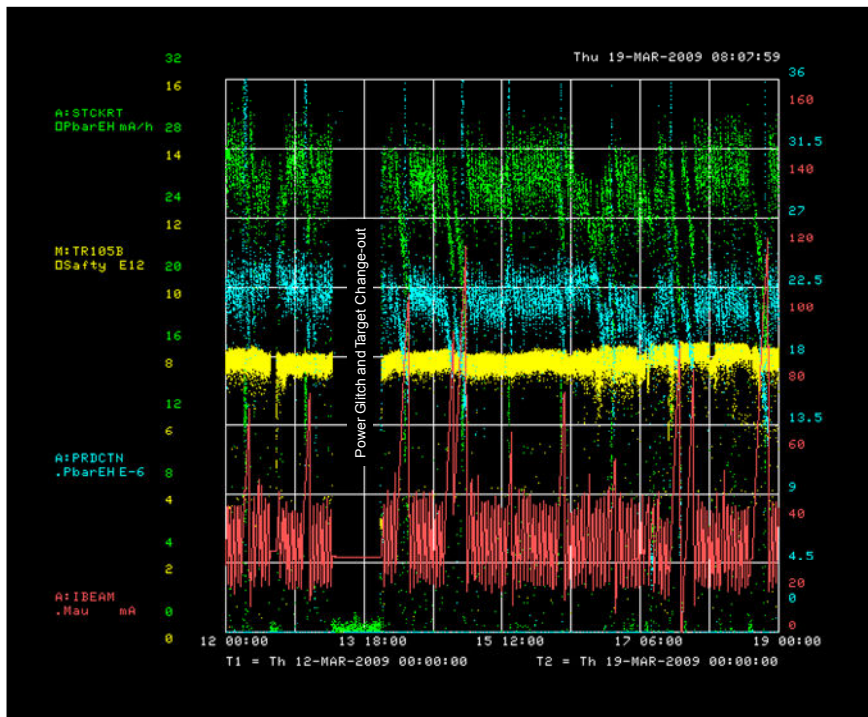
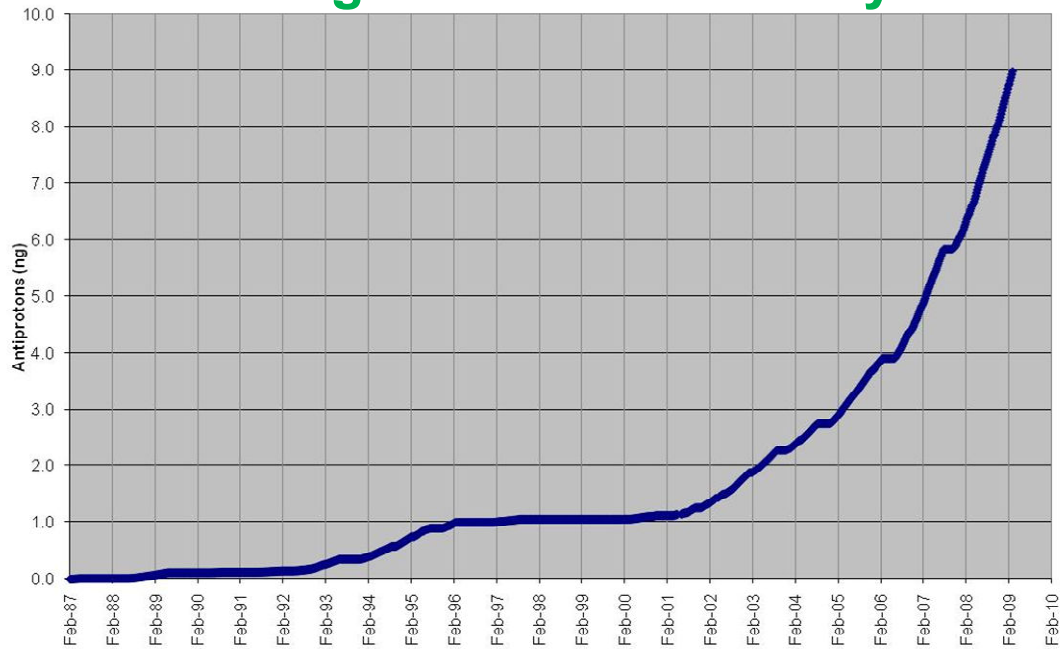


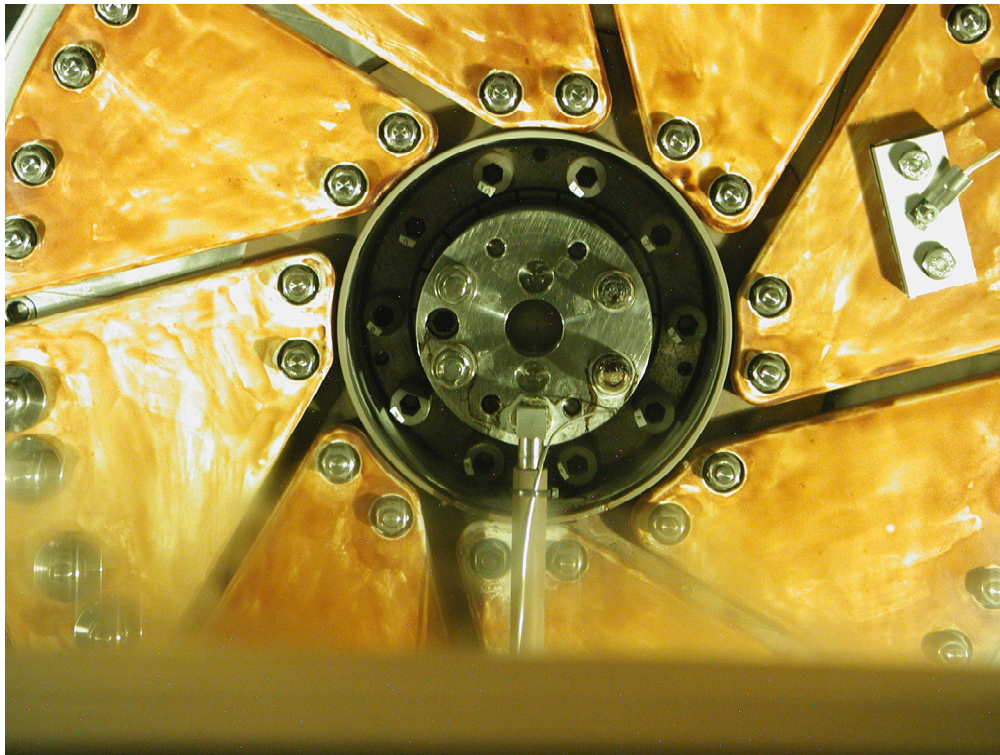
- 9ng of pbar produced at fermilab

## Hit 9ng on St. Patrick's Day

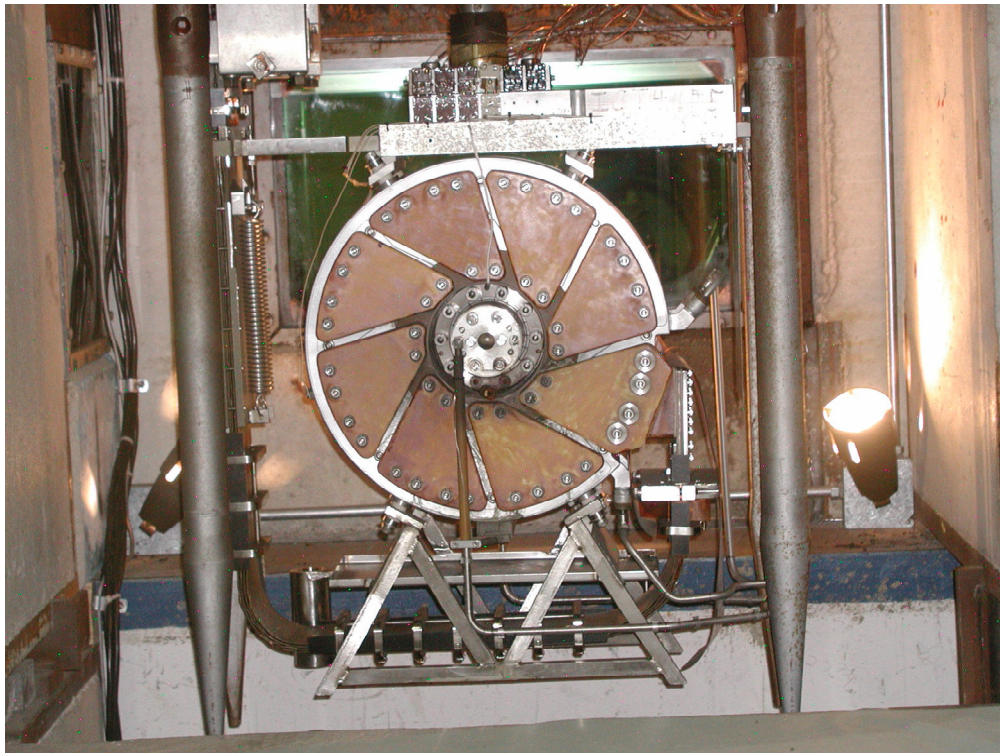


- Last Week
  - Prior to Debuncher
    - I:V714 – still tripping
    - Lens Water
    - Bad BPM and AP50 Rad Trips

- Debuncher
  - Tunes aggregate
  - DRF1 (remote) tune-up
- D/A
  - D:EKIK module timing and OAC parameters
    - Obie increased the filament voltage on module #2. drifting on module #2 decreased.
- Accumulator
  - A:IKIK and vacuum
    - Still only small vacuum burps.
  - Core Transverse System Cooling Measurements
  - Pulse Evolution Study
    - Have collected good data.
  - Core Momentum Powers
- Transfers
  - Efficiency
    - Jim suspects its MI tunes again.
  - Missed Transfer
    - Once every few weeks, the stacktail stays on.
    - Don't lose much, since you don't unstack.
  - Lost Transfer
    - 3rd or fourth time, V105 not down to its 8GeV level.
  - I:HVF12
    - Howie and dan wolff looking into this.
- General
  - D:NWA10R and D:EKIKSR
    - Power cycle reset.
    - Could use one D:IKIK scope also.
  - VSA and Scopes running/communicating
  - New PBCOOL
  - Java Potting Packages
- Upcoming
  - Replace IB7 (when it fails)
  - Stacktail equalizer tweak
    - Upstairs no beam for 4hrs
  - Braze D:6Q11 water leak
    - Next opportunity with Tech Division
    - A4S12 is also leaking
  - Valeri Proposals
    - Re-introduce equalizers to core transverse systems
  - Fix the service elevators
  - **NFPA 70E Training past due**
- Long shutdown
  - Replace IB7 (if it hasn't been done already)
  - Re-install AP2 momentum collimator
    - Need to request jaw modifications
  - Move 4-8GHz kicker tank towards AP50 Pit
  - **Add second 4-8GHz kicker tank**
    - Bake 2 sectors
  - New water manifolds for HV100 magnets
    - Not doing HV102 and V105 manifolds for now
  - Various maintenance tasks
  - Target Station
    - New target SEM
- Lens Change-out



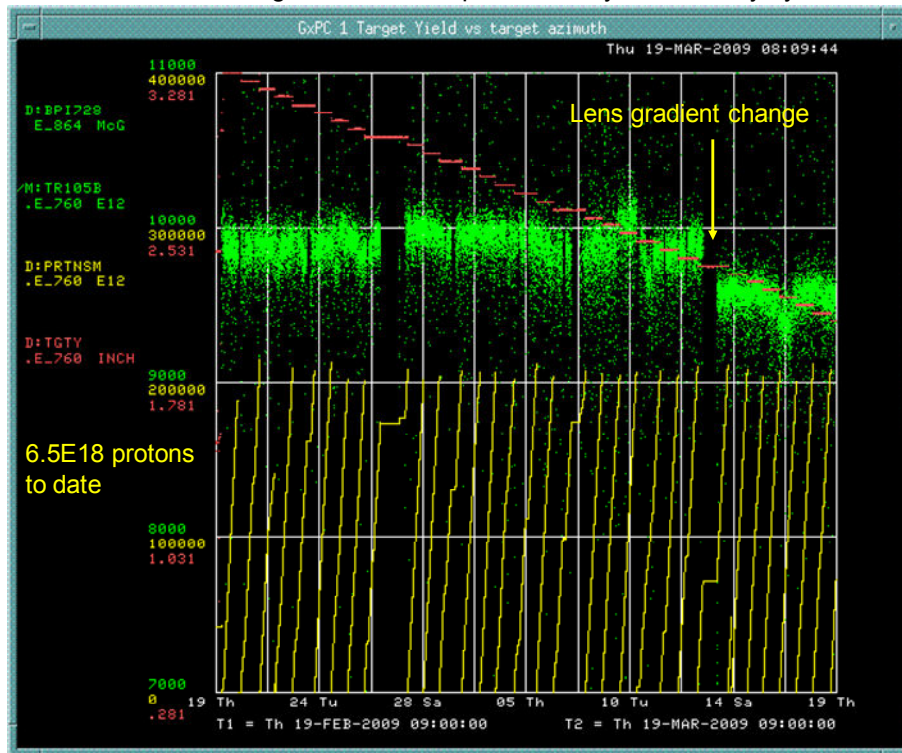
- 
- Evidence of water and Li hydroxide staining.
- VCR fitting - seal that presses against., seal should be held by tie rods.
- Tie rods suffering from creep. Lose elasticity over time. Then seal at vcr can start to leak.



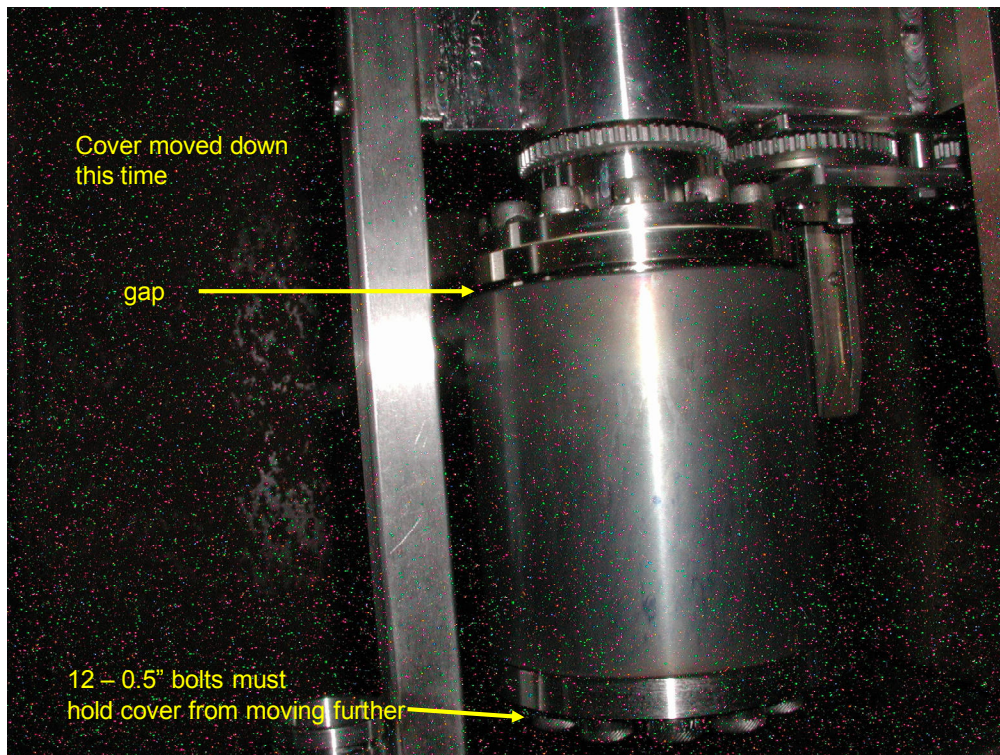
- Lens Status
  - Tie rod creep is possible cause of 10 mm-5 lens failure
  - Allows VCR seal pressure to be reduced resulting in water leak
  - Then lithium/water reaction can occur – investigating this
  - 10 mm-7 testing should be complete as early as Saturday by about 3/27



- 10 mm-7 testing should be complete as early as Saturday by about 3/27



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